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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

AAT-109US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/592,023

INTERNATIONAL APPLICATION NO.

PCT/GB05/00924

INTERNATIONAL FILING DATE

10 March 2005 (10.03.2005)

PRIORITY DATE CLAIMED

10 March 2004 (10.03.2004)

TITLE OF INVENTION FAST FOURIER TRANSFORMATION (FFT) WITH ADAPTION OF THE SAMPLING RATE IN DIGITAL RADIO MODIALE (DRM) RECEIVERS.

APPLICANT(S) FOR DO/EO/US

Stewart John Hamish Bell et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Certificate of Express Mail; Response to Missing Requirement; Copy of Notice to Missing Requirement; PTO-2038; Receipt Post Card

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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08/24/2007 GFREY1 00000115 10592023  
01 FC:16.7 130.00 OP

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/592,023  
Applicant: Stewart John Hamish Bell et al.  
Filed: September 7, 2006  
Title: FAST FOURIER TRANSFORMATION (FFT) WITH ADAPTION OF THE  
SAMPLING RATE IN DIGITAL RADIO MONDIALE (DRM) RECEIVERS  
TC/A.U.: 2616  
Examiner: Not Yet Assigned


**RESPONSE TO NOTICE TO FILE  
MISSING REQUIREMENTS OF U.S. NATIONAL PHASE APPLICATION**

Mail Stop **PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Notice dated May 8, 2007, enclosed is the Declaration/Power of Attorney in compliance with 37 C.F.R. § 1.63. Also enclosed are a copy of the Notice and Credit Card Payment (PTO-2038) for \$130.00 to cover the required surcharge fee.

Respectfully submitted,

  
Kenneth N. Nigon, Reg. 31,549  
Attorney(s) for Applicant(s)

KNN/pb

Enclosures: Declaration/Power of Attorney  
Transmittal Form  
Copy of Notice  
PTO-2038

Dated: August 21, 2007

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

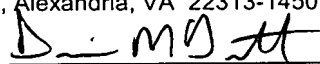
The Director is hereby authorized to charge or credit Deposit Account No. **18-0350** for any additional fees, or any underpayment or credit for overpayment in connection herewith.

**EXPRESS MAIL**

Mailing Label Number:  
Date of Deposit:

EV 811 783 115 US  
August 21, 2007

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Dennis McDermott

AAT-109US



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/592,023	FIRST NAMED APPLICANT Stewart John Hamish Bell	ATTY. DOCKET NO. AAT-109US
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52473  
 RATNERPRESTIA  
 P.O. BOX 980  
 VALLEY FORGE, PA 19482

RECEIVED

MAY 10 2007

RatnerPrestia

INTERNATIONAL APPLICATION NO.

PCT/GB05/00924

I.A. FILING DATE

03/10/2005

PRIORITY DATE

03/10/2004

CONFIRMATION NO. 9374

371 FORMALITIES LETTER



\*OC000000023744466\*

Date Mailed: 05/08/2007

*Rsp Due (2 mos) 7/8/07*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/07/2006
- Copy of the International Search Report filed on 09/07/2006
- Preliminary Amendments filed on 09/07/2006
- Information Disclosure Statements filed on 09/07/2006
- Request for Immediate Examination filed on 09/07/2006
- U.S. Basic National Fees filed on 09/07/2006
- Priority Documents filed on 09/07/2006
- Specification filed on 09/07/2006
- Claims filed on 09/07/2006
- Abstracts filed on 09/07/2006
- Drawings filed on 09/07/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

*Drub*

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE ~~MUST BE SUBMITTED WITHIN TWO (2) MONTHS~~ FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

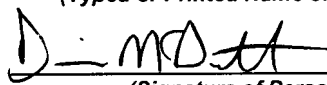
**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/592,023	PCT/GB05/00924	AAT-109US

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b> Applicant(s): [			Docket No. AAT-109US
Serial No. 10/592,023	Filing Date September 7, 2006	Examiner	Group Art Unit
Invention: FAST FOURIER TRANSFORMATION(FFT) WITH ADAPTION OF THE SAMPLING RATE IN DIGITAL RADIO MONDIALE (DRM) RECEIVERS			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; min-height: 150px;"><p>1390 transmittal; Formalities Letter; PTO-2038; Response to Notice of Missing Requirement; Declaration and Power of Attorney</p></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 21, 2007</p> <div style="text-align: right; margin-top: 20px;"><div style="display: inline-block; text-align: left;"><u>Dennis McDermott</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i>  <i>(Signature of Person Mailing Correspondence)</i></div><div style="display: inline-block; text-align: left; margin-top: 20px;"><u>EV 811 783 115 US</u> <i>("Express Mail" Mailing Label Number)</i></div></div>			
<b>Note: Each paper must have its own certificate of mailing.</b>			